



Climate Action Plan Update

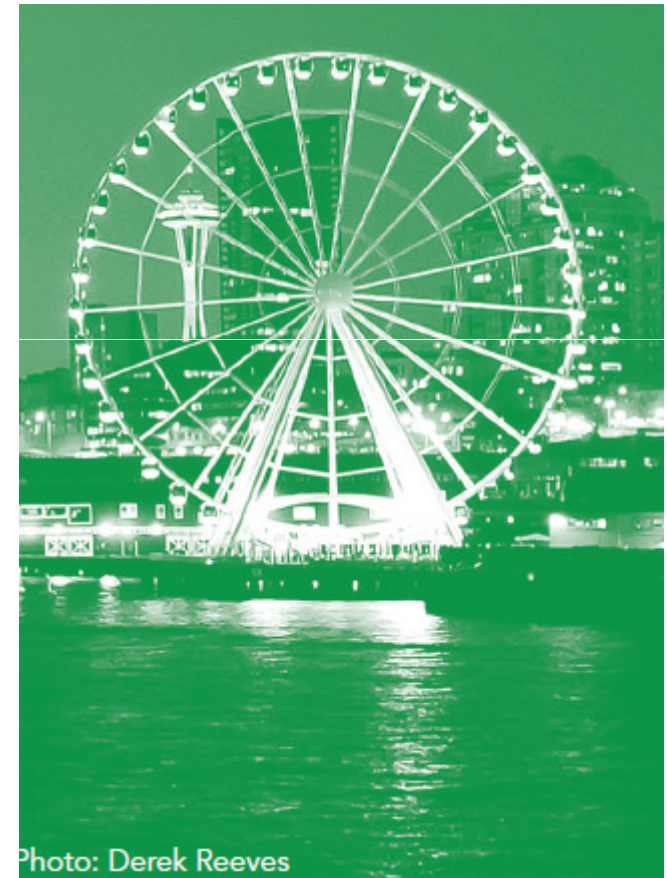
Freight Advisory Board

February 12, 2013



2013 Climate Action Plan

- Reduce GHG emissions
 - Carbon neutral by 2050
- Improve quality of life
- Prepare for climate impacts



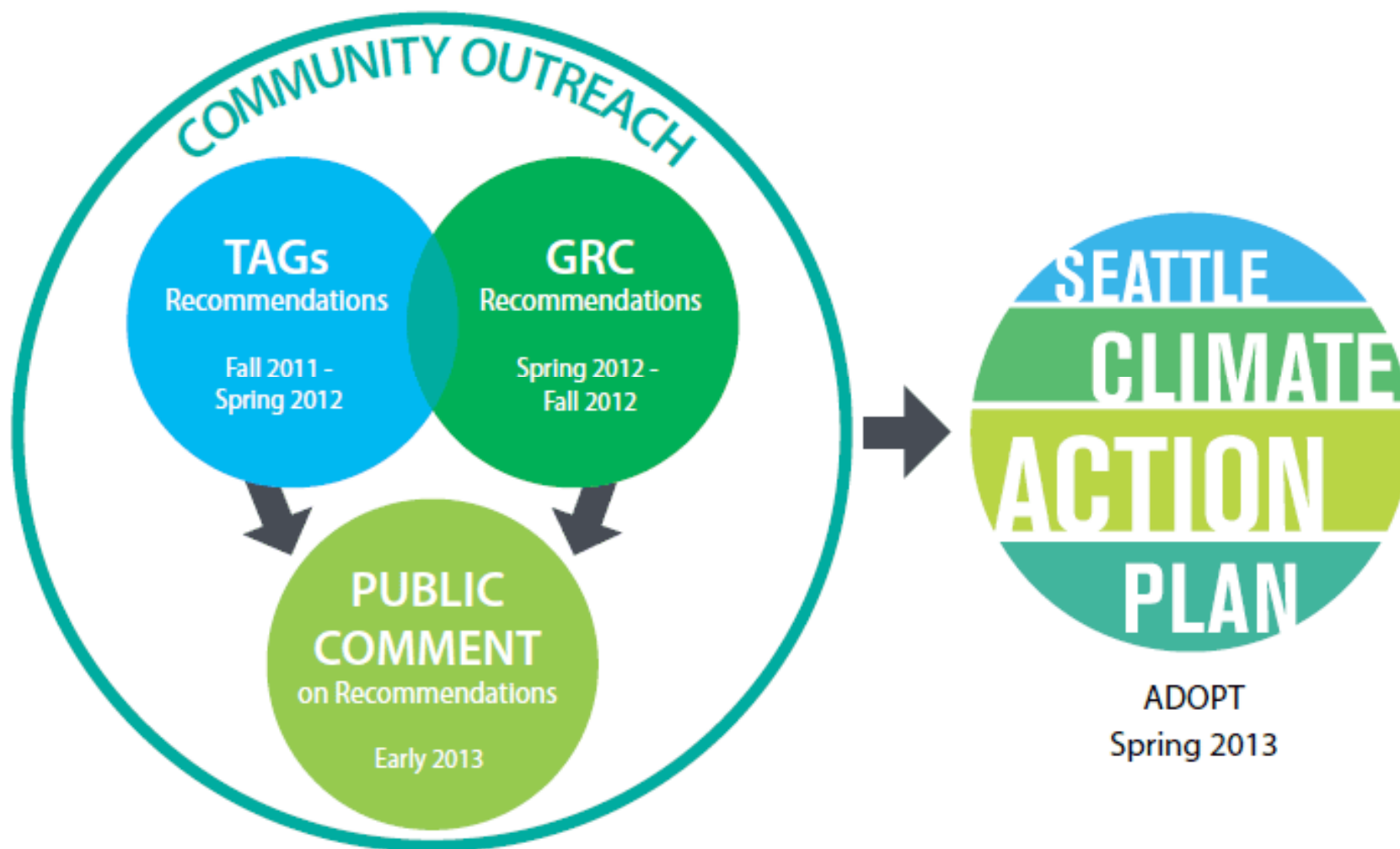


Climate Action Plan Overview

- Emission Sources
 - Transportation & Land Use
 - Building Energy
 - Waste
- Adapting to Climate Impacts
- Building Community Support
- What You Can Do
- What Others Are Doing

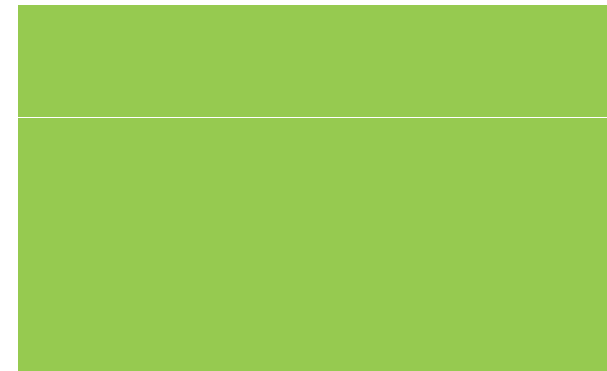


Climate Action Plan Process





GREEN RIBBON COMMISSION RECOMMENDATIONS



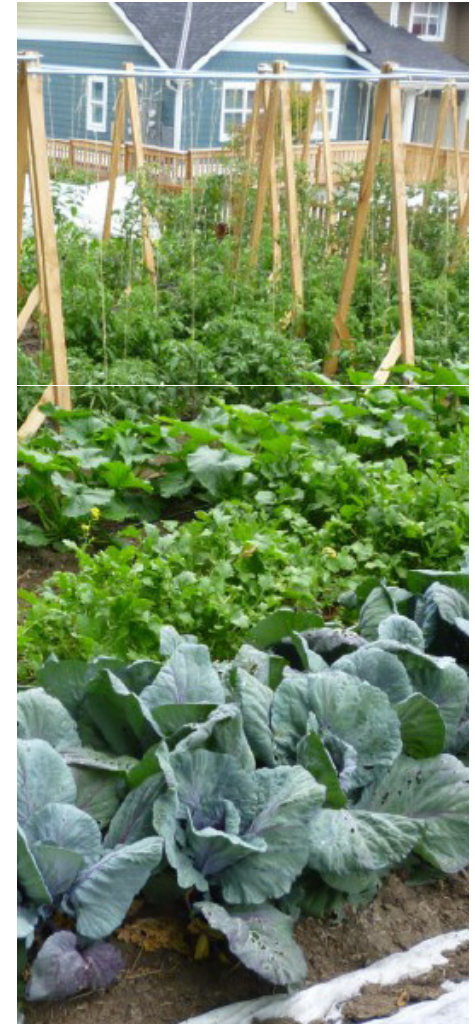
GREEN
RIBBON
COMMISSION

RECOMMENDATIONS



Plan-Wide Recommendations

- Take Bold Action
- Create a Great Place to Live
- Embed Equity in Every Solution
- Use Systems Thinking
- Prioritize Implementation
- Secure Funding
- Put a Price on Carbon





Building Energy Use

- Pricing and Financing
- Efficient Operations
- Efficient Construction
- Infrastructure for Low-Carbon Fuels



Source: Seattle Business Magazine



Transportation & Land Use Strategies

- Funding
- Road Pricing
- Policy & Planning
- Infrastructure & Service
- Transportation Demand Management
- Parking Management
- Vehicle Fuels & Technologies





Funding & Road Pricing

Sustain existing service levels & meet the vision

- Renew BTG levy
- Development Authority
- MVET
- Off-street parking tax
- Regional road pricing
 - Regional authority sets rates, planning objectives, dedicate revenues to multi-modal transport



Policy & Planning

- Prioritize transit, walking and biking over auto travel while accommodating freight.
- Support diverse, thriving, and walkable neighborhoods centered around transit.
- Retain & create affordable commercial space and family sized housing.



Select Actions By 2015

- Freight Master Plan
- Integrated corridor plan
- Separated bicycle lanes
- Real-time bus information
- Safe routes projects





Adapting to Climate Impacts

- Comprehensive Assessment & Planning
- Natural Systems
- Utility Impacts
- Land Use & the Built Environment
- Community Preparedness





Building Community Support Recommendations

- Develop a narrative linking local community values to climate action outcomes.
- Work with existing organizations & develop new messengers to activate support.
- Use social media strategies and emerging technologies to engage residents & businesses.



Other Significant Emissions Sources

- Freight – 18%
- Industry – 17%
- Air travel – 18%





Freight Chapter

- What is freight?
- Why is freight included in the Climate Action Plan?
- Who moves freight to and through Seattle?
- Who is working to reduce the impact of freight?



Freight & Climate Action

- National heavy duty truck fuel efficiency standards for 2014-2018 model years
- Regional Initiatives
 - Northwest Ports Clean Air Strategy
 - Diesel Solutions
- Local
 - City garbage trucks use CNG or biodiesel



DISCUSSION

